

KASKEVICH, E.P.

Operation of a homogenous half-wave power transmission line at the  
occurrence of a break in one of the phases. Trudy Transp.-energ.  
inst. Sib. otd. AN SSSR no.11:67-80 '60. (MIRA 14:6)  
(Electric power distribution)

SHCHERBAKOV, V.K.; KASKEVICH, E.P.

Nonsymmetrical steady-state conditions in untuned electric power  
transmission lines. Trudy Transp. energ. inst. Sib. otd. AN SSSR  
no.14:75-87 '62. (MIRA 16:9)  
(Electric power distribution)

KASKEVICH, E.P.

Increasing voltage in half-wave electric transmission lines with nonsymmetrical short circuiting. Izv.Sib.otd. ANSSSR, no.4:9-16 '61. (MIRA 14:6)

1. Transportno-energeticheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk.  
(Electric power distribution)

KASKEVICH, E.P.

Use of an active three-terminal network technique in the calculation of complex nonsymmetrical modes of long-distance power transmission lines. Trudy Sib. nauch.-issl. inst. energ. no.1:101-108 '64.

(MIRA 18:5)

KASKEVICH, L.M.

Twenty-four-hour fluctuations of uropepsin in ulcer patients.  
Vrach. delo no.9:18-21 8'63. (MIRA 16:10)

1. Kafedra fakul'tetskoy terapii (zav. - prof. G.I. Burchinskiy)  
Kiyevskogo meditsinskogo instituta.  
(PEPTIC ULCER) (UROPEPSIN)

KASKEVICH, N.M.

Use of steel reservoirs for sour crude oils. Transp. i khran. nefiti i  
nefteprod. no.11:12-15 '64. (MIRA 18:1)

1. Moskovskiy inzhenerno-stroitel'nyy institut im. V.V.Kuybysheva.

KASKEVICH, N.M.

Corrosion damage to the roofs and bodies of steel cylindrical vertical reservoirs with sulfurous petroleums. Transp. i khran. nefti i nefteprod. no.8:24-27 '64. (MIRA 17:9)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni inzhenerno-stroitel'nyy institut imeni V.V. Kuybysheva.

KASKEVICH, N.M.

Effect of structural design on the speed and nature of the corrosion  
of steel cylindrical vertical tanks containing sour crude oils.  
Transp. i khran. nefti i nefteprod. no.10:20-25 '64.

(MIRA 17:12)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni inzhenerno-stroitel'-  
nyy institut im. Kuybysheva.



L 39956-66 EWT(m)/T/EWP(t)/ETI IJP(c) JH/WE/JD/WB

ACC NR: AP6015295

(A)

SOURCE CODE: UR/0365/66/002/003/0367/0370

AUTHOR: Kaskevich, N. M.

38  
B

ORG: Moscow Engineering and Construction Institute im. V. V. Kuybyshev (Moskovskiy inzhenerno-stroitel'nyy institut)

TITLE: Effect of structural shape of aluminum and steel profiles on their corrosion resistance in sour crude oil media 27 14

SOURCE: Zashchita metallov, v. 2, no. 3, 1966, 367-370

TOPIC TAGS: aluminum, crude petroleum, corrosion resistance, steel / St. 3 steel

ABSTRACT: A method is proposed for calculating the relative coefficient of corrosion resistance K by taking into account all of the basic empirically determined factors which may affect the corrosion resistance of structural shapes. The effect of the structural shape of aluminum and steel profiles on corrosion in sour crude oils was determined experimentally, and the corresponding coefficients were then calculated. The following conclusions were reached: (1) the structural shape of the profiles substantially affects the corrosion rate in various parts of the cross sectional perimeter; (2) the corrosion losses are different in different parts of the perimeter; (3) the corrosion losses are not uniformly distributed over the length of the various portions of the cross sections; (4) the corrosion rate is different on different sides

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UDC: 620.193.47

L 39956-66

ACC NR: AP6015295

of the same portion of the cross section; (5) the effect of the profile shape and the distribution of the weight loss over the perimeter substantially depend on the slope of the corroding surface relative to the horizon; (6) the effect of the structural shape of the profiles on their corrosion in different petroleum media is different; (7) the effect of the structural shape of the parts on their corrosion resistance in petroleum tanks is due to a nonuniform precipitation of solid particles of diverse origin over the perimeter of the cross sections of structural parts in vapor-air media and of mechanical petroleum admixtures in liquid media. It is concluded that the structural shape of the profiles affects the nature of corrosion and its rate; the extent of the effect of the structural shape depends on the type of corrosive medium, its corrosiveness, and the position of the structural parts in space. Orig. art. has: 1 figure.

SUB CODE: 11,13/ SUBM DATE: 10May65/ ORIG REF: 006/ OTH REF: 003

Card 2/2 *LS*

L 01804-66 EWT(m)/EPF(c)/EMP(i)/EMA(d)/ENP(t)/ENP(z)/ENP(b) IJP(c) MJN/JD/NB

ACCESSION NR: AP5020114

UR/0095/65/000/008/0021/0024  
669.715:620.193

AUTHOR: Kaskevich, N. M.

TITLE: Investigation of the corrosion resistance of aluminum alloys in sulfurous crudes

SOURCE: Stroitel'stvo truboprovodov, no. 8, 1965, 21-24

TOPIC TAGS: corrosion, sulfurous petroleum, petroleum induced corrosion, aluminum, aluminum alloy, aluminum corrosion, aluminum alloy corrosion, manganese containing alloy, magnesium containing alloy, zinc containing alloy/AMTs alloy, AMg alloy, AV alloy, AD21 alloy, D1 alloy, D16 alloy, V92 alloy, AD 1 alloy

ABSTRACT: The corrosion resistance of commercial-grade aluminum and aluminum-clad, aluminum-base alloys—AMTs, AMg, AV, AD21, D1, D16, V92, AD-1, and A1—in sulfurous crudes with different composition has been tested at Soviet refineries and the corrosion laboratory of MISI. Tests in crude oil, desalted crude oil, and crude oil vapors showed that not all crudes with a high content of sulfur compounds (S, %) corrode aluminum alloys to the same extent. Tatar region crudes (S = 1.7%) and crudes of Romashkino and Shkapovo (S = 1.9%) are less corrosive than Sernovodsk

Card 1/2

L 01801-66

ACCESSION NR: AP5020114

(S = 3.2) and a mixture of Mukhanovo and Kuleshovo (S = 1.3%) crudes. This can be explained by the absence in Tatar crude of free hydrogen sulfide and mercaptans. The evaluation of corrosion on the weight loss or on the corrosion penetration yielded different results. The highest weight loss, 9.52, 2.76, and 1.60 g/m<sup>2</sup>.year, was observed in V92, AMg3, and unclad D16 alloys, respectively; the smallest, not exceeding 0.65 g/m<sup>2</sup>.year, in AV, AD31, and aluminum-clad D16. The smallest depth of corrosion penetration occurred in aluminum-clad D1 and D16. Commercial aluminum was mostly affected by pitting, which reached a depth of 1.6 mm in one year. Crude-oil vapors corrode aluminum alloys much less than liquid crudes. Generally, the corrosion resistance of aluminum alloys was found to be higher in all tested media than that of low-carbon steel. The alloys with lowest resistance, such as V92 and unclad D1 and D16, should be used in construction of petroleum storage tanks. Orig. art. has; 2 figures and 2 tables. [ND]

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: MM, IC

NO REF SOV: 004

OTHER: 000

ATD PRESS: 4085

Card 2/2

\*[original says "should not"]

KASKEVICH, N.M.

Economic efficiency of the substitution of aluminum-alloy elements  
for the steel elements of the roofs and upper girths of oil tanks.  
Transp. i khran. nefti i nefteprod. no.6:23-26 '65. (MIRA 18:8)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni inzhenerno-stroi-  
tel'nyy institut im. V.V.Kuybysheva.

KASKEVICH, N.M.

Study of the corrosion resistance of aluminum alloys in  
the medium of sour petroleum. Stroi. truboprov. 10 no.8:  
21-24 Ag '65. (MIRA 18:11)

KASKIN, G.I.

New bolck for changeable die sets in die casting. Lit. proizv. no.  
10:43-44 0 '63.

(MIRA 16:12)

KAS'KO, A. F.: Master Med Sci (diss) -- "Blood transfusion in the therapy of neuropsychic disorders of asthenic nature". Chernovtsy, 1958. 19 pp (Chernovtsy State Med Inst), 200 copies (KL, No 6, 1959, 144)



P. I. KAS'KO

AMINAZIN

"Use of Aminazin\* for the Treatment of Gynecologic Patients in the Postoperative Period," by P.I. Kas'ko, Clinic of Obstetrics and Gynecology (Director - Prof. L.S. Persiyaninov) of the Minsk Medical Institute. Akusherstvo i Ginekologiya, No 3 Vol. 33, May-June 1957, pp 81-86.

Sixty two patients in various gynecological conditions were treated with Aminazin after being operated on. The author describes in detail the method employed, the dosage, the effects produced, and the patients' response to Aminazin. The preparation was administered intravenously, intramuscularly, and per os, on the second and, sometimes, on the third day following the operation.

The dosage ranged from 25 to 50 mgs. In older or debilitated patients, a dosage of 25 mgs. had the same effect as 50 mgs. in others. A combination of a single 50 mgs dose of Aminazin injected intravenously, with anti-shock solution, was found to reduce the hypotensive effect of Aminazin. When administered orally, combined with Barbamyl\*\* Aminazin had a good hypnotic result. The intramuscular administration of Aminazin produced a similar, but milder effect. The author concluded that Aminazin eases the pain and tension, and has no side-effects in postoperative gynecological patients.

\* Thorazine (Smith, Kline & French), Chlorpromazine hydrochloride, U.S.P.]

\*\* Amytal (Lilly), Amobarbital, U.S.P.]

-1-

1/2

2/2

KAS'KO, P. I.: Master Med Sci (diss) -- "The use of certain pharmaceuticals to produce therapeutic-protective inhibition in the pre- and post-operative periods (aminazin, barbamy, alcohol-containing mixtures)". Minsk, 1958.  
20 pp (Minsk State Med Inst, Chair of Obstetrics and Gynecology), 200 copies  
(KL, No 6, 1959, 144)

KAS'KO, Yu. S.

Kas'ko, Yu. S. - "A rare case of neglected epithelioma adenoides cysticum," Vestnik venerologii i dermatologii, 1949, No. 2, p. 49

SO: U-4934, 29 Oct 53, (Istoria 'Zhurnal 'nykh Statey, No. 16, 1949).

*Clinic Dermato-Veneral Diseases,  
Chernovitsky State Med. Inst.*

KAS'KO, YU. S.

Tuberculosis

Complex therapy of flat forms of lupus tuberculosis. Vest.ven.i derm. no. 1, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

KAS'RO, Yu. S.

"Treatment of Patients With Skin Tuberculosis With Vitamin D<sub>2</sub>  
in Conjunction With Superficial Scarification and Supplemental Ir-  
radiation of the Tuberculous Foci of the Skin With Ultraviolet Light."  
Cand Med Sci, L'vov State Medical Inst, Chernovtsy, 1954. (RZhBiol,  
No 6, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical  
Dissertations Defended at USSR Higher Educational Institutions (15)

KAS'KO, Yu.S., kandidat meditsinskikh nauk

Rating of Tarnogradskii's test in skin tuberculosis. Probl. tub.  
34 no.6 supplement:45 N-D '56. (MLRA 10:2)

1. Iz kafedry kozhnykh bolezney (sav. - prof. Z.N.Grzhebin)  
Chernovitskogo meditsinskogo instituta.  
(SKIN--TUBERCULOSIS)

GUDZENKO, P.N.; KAS'KO, Yu.S. \_\_\_\_\_

Experimental tuberculosis of the cervical lymph nodes in guinea  
pigs. Probl.tub. 38 no.1:89-95 '60. (MIRA 13 :10)  
(LYMPHATICS—TUBERCULOSIS)

KAS'KOSH, Vladimir [Kaskosz, W.], magistrant.

Present state and the outlook for the development of the machine  
tool industry in the Polish People's Republic. Stan. i instr. 35  
no.2:24-28 F'64 (MIRA 17:3)

1. Tekhnicheskii direktor Ob'yedineniya stankostroitel'noy  
i instrumental'noy promyshlennosti, g. Varshava.



KASKOSZ, Włodzimierz, mgr., inż.

Development trends in the construction of machine tools. *Mechanik*  
34 nc.1:1-2 '62.

1. Dyrektor Techniczny Zjednoczenia Przemysłu Obrabiarek i Narzędzi.

KASKOSZ, Włodzimierz

Technological progress as a basis of the development of the  
Polish export of machine tools and tools. Mechanik 35 no.5:  
225-228 My '62.

1. Zjednoczenie Przemysłu Obrabiarek i Narzędzi, Warszawa.

KAS'KOSH, Vlodimezh [Kaskosz, Wlodzimierz], magistr-inzh.

New designs of Polish machine tools. Stan. i instr. 35 no.7:3-6  
Jl '64. (MIRA 17:10)

1. Tekhnicheskiy direktor Ob'yedineniya stankostroitel'noy i  
instrumental'noy promyshlennosti, Pol'skaya Narodnaya Respublika.

KASKOV, A. (g.Vitebsk)

Enthusiasm; a sketch. Okhr.truda i sots.strakh. no.3:46-49  
Mr '59. (MIRA 12:4)

(Industrial hygiene)

KASKOV, Aleksey Ivanovich; SIDORENKO, A.Ye., red.; KOROBOVA, N.D.,  
tekh. red.

[First workingmen's club] Pervyi Rabochii klub. Moskva,  
Izd-vo VTsSPS Profizdat, 1961. 101 p. (MIRA 15:2)  
(Kharkov--Workingmen's clubs)  
(Kharkov--Machinery industry)

GANTVARGER, Ruvim Borisovich; KAS'KOV, S.I., otvetstvennyy redaktor;  
MISHKEVICH, G.I., redaktor; ~~KHMOLOVA~~, V.M., tekhnicheskikh redaktor

[Outfitting in shipbuilding] Del'nye veshchi v sudostroenii.  
Leningrad, Gos. soiz. izd-vo sudostroit. promyshl., 1956. 190 p.  
(Shipbuilding) (MLRA 9:10)

KAS'KOV, S. I.

MOGILEVICH, V.I.; KAS'KOV, S.I.

Whaler base for the Antarctic. Sudostroenie 23 no.2:8-14 F '57.  
(MLRA 10:5)

(Antarctic regions--Whalers)

15/12/1964, 21/1  
GUROVICH, Arnol'd Naumovich; KAS'KOV, S.I., otvetstvennyy red.; KAZAROV,  
Yu.S., red.; LEVOCHKINA, L.I., tekhn.red.

[Design and construction of cargo handling devices for ships]  
Raschet i konstruirovaniye sudovykh gruzovykh ustroystv. Leningrad,  
Gos.soiuznoe izd-vo sudostroit. promyshl., 1958. 293 p. (MIRA 11:6)  
(Masts and rigging) (Cargo handling)



KAS'KOVA, V. Z.

"Pollution of the Atmospheric Air by Waste Products of Drying-Oil Shops,"  
paper presented at the Scientific Conference of the Leningrad Sanitation Institute,  
8-10 May 1956.

U-3,054,017

KAS KUN, G. I.

137-58-1-2020

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 273 (USSR)

AUTHOR: Kas'kun, G. I.

TITLE: A Machine for the Investigation of Pitting Erosion of Metals Due to Second-order Friction (Mashina dlya issledovaniya ospovidnogo iznosa metallov pri trenii vtorogo roda)

PERIODICAL: Tr. 1-y nauchno-tekhn. konferentsii. Kiyevsk. in-t grazhd. vozdushn. flota. Moscow, 1956, pp 92-102

ABSTRACT: The design of a machine (M) for the investigation of pitting erosion (E) of metals due to second-order friction is described. The M makes it possible to reproduce the essential form of E at all stages of development and to study the mechanisms of pitting by means of specially-prepared specimens (S) having a shape that permits this friction to be created and E to occur under stationary and constant conditions of friction and to obtain cross-sectional specimens for the investigation of the microstructure and properties of the surface layers of the metal without any additional operations for the mechanical sectioning of the S which often distorts the results experimentally obtained.

Card 1/2 A schematic kinematic diagram of the M is presented, the basis

137-58-1-2020

A Machine for the Investigation of Pitting Erosion (cont.)

for which is the rolling of balls along a surface at constant load and speed. Loading is accomplished by suspension of weights, and speed is established by the motion of a "textrope" belt running on step pulleys. Three or more balls are placed within a race. The race containing the S may be stopped still. In this case, the centrifugal separator cage containing the balls is rotated in a strictly defined track at a speed equal to the rate of rotation of the spindle. Adjustment of the slipping of the balls along the surface of the S being tested is performed by changing the rpm of the drum. Provision is made for determination of the relationships between intensified testing methods and the testing of real parts under conditions corresponding to real conditions of operation. A method for choosing the parameters of the M in accordance with the size of the S under test, a technical description of the M, and a description of various fixtures to be used with the M are presented. One of these fixtures makes it possible to test S of steels of different grades not only under different loading speeds and conditions of technological treatment, but also under conditions of compression or tension. In this connection, the magnitude of the stress is given and is held constant for the entire test period. The test of stressed S is designed to study the sequence and character of the destruction in accordance with the magnitude and sign of the stressed state at the working surfaces of S.

Card 2/2

.L. G.

1. Test vehicles--Design

KAS'KUN, G. I.

137-58-1-1784

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 243 (USSR)

AUTHOR: Kas'kun, G. I.

TITLE: An Investigation of the Wear Resistance of ShKh15 Steel Under Rolling Friction (Issledovaniye iznosostoykosti stali ShKh 15 pri trenii kacheniya)

PERIODICAL: Tr. 1-y nauchno-tekhn. konferentsii. Kiyevsk. in-t grazhd. vozdushn. (flota). Moscow, 1956, pp 322-329

ABSTRACT: A special testing device based on the rolling of balls over a flat surface of the test specimen was used to investigate the mechanism of damage and the stages of its development due to rolling friction, and also in the case of simultaneous effects of friction and compressive or tensile stresses. The specimens were tested at speeds of 1 to 20 m/sec and unit loads of up to 600 kg/mm<sup>2</sup>. Heat treatment of the specimens consisted of hardening and tempering at 1750. The criterion of wear was the number of cycles of loading occurring before the appearance of pitting over the entire track, and also change in the depth of the resultant track. The results of the investigation are presented in the form of a graph of the relationship of the number of cycles

Card 1/2

137-58-1-1784

An Investigation of the Wear Resistance of ShKh15 Steel (cont.)

prior to the appearance of pitting to the specific load, and recalled to mind the fatigue curve under variable loads. Application of tensile stresses, all other conditions being equal, are accompanied by an increase in the depth of the track. Compressive stresses up to 25-30 kg/mm<sup>2</sup> induce an insignificant diminution in the depth of the track while, beyond that value, they increase it in accordance with the same ratio as is the case with tensile stresses.

N. K.

1. ~~Steel--Friction--Resistance~~    2. ~~Steel--Test methods~~    3. ~~Steel--Test results~~

Card 2/2

CZECHOSLOVAKIA/Chemical Technology. Chemical  
Products and Their Applications.  
Safety and Sanitation.

H-6

Abs Jour : Ref Zhur-Khiniya, No 7, 1959, 23856

Author : Kasl, J., Miksan, V.

Inst :

Title : Remotely-Controlled Handling Devices Employed  
in Work with Radioactive Substances.

Orig Pub : Jaderna energie, 1958, 4, No 7, 196-197

Abstract : Described are the remotely-controlled handling devices (M) developed at the factory imeni Lenin in Pilsen: pistol-type M equipped with the round shaft and a M capable of handling materials on the other side of a wall. Technical requirements as well as

Card : 1/2

KASL, Josef, inz.

Resection with the measured distance. Geod kart obzor 9 no.9:  
231-236 S '63.

1. Ustav geodezie a kartografie, Plzen.

CHARAMZA, Frantisek, inz.; KARSKY, Georgij, inz.; KASL, Josef, inz.;  
KOCIAN, Jan, inz.; STASTNY, Vaclav, inz.; VISOVA, Eva, inz.

Problem of automation of geodetic calculations. Geod kart obzor  
10 no.9/10:217-222 0 '64



KASL, Josef; MIKSAN, Vojtech

Manipulators for radiochemical operations. Jaderna energie  
4 no.7:196-197 JI '58.

1. Zavody V.I. Lenina, Plzen.

KASL, V.

Most important tasks of the enterprises of the United Flour Mills and Bakeries  
in the year 1959, p. 1.

TECHNIKA VYKUPU, MLYNARSTVI A PEKARSTVI. (Ministerstvo potravinarskeho  
prumyslu a vykupu zemedelskych vyrobku a Sdruzeni mlynu a pekaren)  
Praha, Czechoslovakia, Vol. 5, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI), LC Vol. 9, no. 2,  
Feb. 1960

Uncl.

KOLAR, Ya., [Kolar, J.], dotsent; BABITSKIY, A., [Babicky, A.], kand.  
biolog. nauk; KASLOVA, Ya., [Kaslova, J.], kand. med. nauk;  
KASL, Ya., [Kasl, J.], kand. med. nauk

Effect of ultrasonic waves on the mineral metabolism of the  
bones. Ortop., travm. i protez. 26 no.8:43-51 Ag '65.  
(MIRA 18:9)

1. Iz radiologicheskoy kliniki Karlova universiteta, izotopnykh  
laboratoriy biologicheskikh institutov Chekhoslovatskoy akademii  
nauk i Odontologicheskogo instituta, Praga. Adres Kolara: Praga 2,  
Radiologicheskaya klinika, vo 2-oy bol'nitse.

ACC NR: AP7007682

SOURCE CODE: UR/0386/66/003/002/0088/0092

AUTHOR: Kaslin, V. M.; Petrash, G. G.

ORG: Physics Institute im. P. N. Lebedev, AN SSSR (Fizicheskiy institut AN SSSR)

TITLE: Rotational structure of ultraviolet generation of molecular nitrogen

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu, v. 3, no. 2, 1966, 88-92

TOPIC TAGS: emission spectrum, laser application, nitrogen, spectroscopy, UV laser / DFS-13 spectrograph

ABSTRACT: The authors experimentally investigated emission spectrum of ultraviolet generation of molecular nitrogen.

An ordinary laser was used with external mirrors and with windows at the Brewster angle. The discharge was excited with voltage pulses up to 40 kV in a tube of 3 mm i.d. and a discharge length ~ 90 cm. The current pulse duration was ~1.5  $\mu$ sec. Mirrors with multilayer dielectric coatings were used, having a transmission ~ 40% in the  $\lambda \sim 3370$  Å region, as well as sputtered-aluminum mirrors.

Generation was observed at two bands (0-0 and 0-1) of the second positive nitrogen system  $C^3\Pi_u \rightarrow B^3\Pi_g$ . The generation power in the 0-0 band (3371 Å edge) is many times larger than in the 0-1 band (3577 Å edge). A considerable super-radiance effect is observed in the 0-0 band. Card 1/2

UDC: none

ACC NR: AP7007682

band. Radiation with a single mirror has practically the same spectrum as the generation radiation, and differs only slightly in power. Investigation of the radiation from the tube without mirrors showed a sharp increase in several lines, compared with the normal spontaneous emission spectrum. This increase is apparently also connected with the super-radiance effect. Results were obtained at nitrogen pressures close to optimal:  $\sim 2$  torr for the O-O band and  $\sim 1$  torr for the O-l band. Spectrally pure nitrogen was used in the experiments, but impurities apparently play a minor role, since similar generation could be observed when the discharge tube was filled with air. The generation spectrum was investigated with a DFS-13 spectrograph with a 600 lines/mm grating. The spectrum of the O-O band was photographed in third order with dispersion  $\sim 1.3$  Å/mm, and the O-l band in second order with dispersion  $\sim 2.0$  Å/mm. In addition to the generation spectrum, to facilitate interpretation of the lines, the spectrum of the spontaneous emission was photographed. A comparison was made against the iron and titanium lines. To eliminate random shifts, the generation spectrum was measured with a large number of plates. The estimated wavelength measurement accuracy is  $\Delta\lambda \approx 0.02$  Å for the O-O band and  $\Delta\lambda \approx 0.04$  Å for the O-l band. It was found that the P-branches play the principal role in the generation and that the maximum of generation intensity corresponds approximately to  $J = 9$ . It must be noted, however, that unlike the usual situation, generation, albeit less intense, is observed in the O-O band for several R-branch lines. Orig. art. has: 2 tables.

SUB CODE: 20 / SUBM DATE: 01Dec65 /

Card 2/2

KASLINA, N. I.

Screw jack for setting heavy parts in lathe centers. Obm.  
tekhn.opyt. [MLP] no.20:10-11 '56. (MIRA 12:11)  
(Lifting jacks)

KASLOVA, Edita, dr.

Civil aeronautics regulations. Letecký obzor / 7 no.1:2 Ja  
'63.

KASLOVA, Edita, dr.

Penal acts on board the airplane. Letecky obzor 7 no.8:243-  
244 Ag '63.



KOLAR, Ya., [Kolar, J.], dotsent; BABITSKIY, A., [Babicky, A.], kand.  
biolog. nauk; KASLOVA, Ya., [Kaslova, J.], kand. med. nauk;  
KASL, Ya., [Kasl, J.], kand. med. nauk

Effect of ultrasonic waves on the mineral metabolism of the  
bones. Ortop., travm. i protez. 26 no.8:43-51 Ag '65.

(MIRA 18:9)

1. Iz radiologicheskoy kliniki Karlova universiteta, izotopnykh  
laboratoriy biologicheskikh institutov Chekhoslovatskoy akademii  
nauk i Odontologicheskogo instituta, Praga. Adres Kolara: Praga 2,  
Radiologicheskaya klinika, vo 2-oy bol'nitse.

KASMAN, S.R.

Gastric cancer in pernicious anemia. Klin. khir. no.1:54-55 '65.  
(MIRA 18:8)

1. Khirurgicheskoye otdeleniye (zav. - dotsent B.Ya.Faynblat)  
Bol'nitsy moryakov porta Odessa.

KASMAN, S.R., (Odessa, Volzhskiy per., d.10, kv.34)

Thrombosis of branches of the superior mesenteric artery. Vest.  
Khir. 81 no.8:102-103 Ag '58 (MIRA 11:9)

1. Iz zheleznodorozhnoy bol'nitsy st. Maloshuyka, Kirovskoy zhel.  
dorogi.

(ARTERIES, MESENTERIC, dis.

thrombosis of superior artery (Rus))

(THROMBOSIS, case reports

superior mesenteric artery (Rus))

**"APPROVED FOR RELEASE: 06/13/2000**

**CIA-RDP86-00513R000721020020-7**

412. 104071450

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REF ID: A67210792

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**CIA-RDP86-00513R000721020020-7"**

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 47, no. 6, 1964,  
7716-7718

is shown in Fig. 1 of the enclosure. The mirror system made it possible

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ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe Akademii nauk SSSR

spin pump, 4 - analyzer, 401 11 11 11



L 12049-66 EWI(m)/EPF(n)-2/EWP(t)/EWP(z)/EWP(b)/EWIA(h) IJP(c) JD/HW

ACC NR: AP6002656

SOURCE CODE: UR/0386/65/002/012/0541/0544

AUTHOR: Drabkin, G. M.; Zabidarov, Ye. I.; Kasman, Ya. A.; Okorokov, A. I.

ORG: Physicotechnical Institute im. A. F. Ioffe, Academy of Sciences SSSR (Fiziko-  
tckhnicheskiiy institut Akademii nauk SSSR)

TITLE: Critical scattering of polarized neutrons in nickel

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu.  
Prilozheniye, v. 2, no. 12, 1965, 541-544

TOPIC TAGS: nickel, neutron scattering, small angle scattering, phase transition,  
Curie point, neutron polarization

ABSTRACT: A study of the critical small-angle scattering of neutrons is a very effective means of investigating phase transitions. To obtain more complete information on space-time spin correlation motions, which are responsible for the dynamics of the phase transitions, the authors investigated the critical scattering of polarized neutrons. They present in this article the results of the first stage of this research. The measurements were made with the aid of a previously described installation (G. M. Drabkin et al., ZhETF v. 47, 2316, 1964). A single-crystal nickel sample was placed in a ~10 oe magnetic field. The sample temperature was kept accurate to  $\pm 0.07^\circ$ . The beam of the incident neutrons is character-

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ized by the following parameters: wavelength  $\sim 5.1 \text{ \AA}$ , polarization after reflection from the analyzer 80%, horizontal divergence  $\pm 1.5 \text{ min}$ , vertical  $\pm 10 \text{ min}$ . The experiments yielded the polarizations of the scattered neutrons passing through the sample and of the neutrons scattered through  $10.2 \text{ minutes of angle}$ . The Curie point was determined from the maximum scattering cross section. Near the Curie point the behavior of the polarization of the transmitted neutron beam is connected with the development of magnetization fluctuations. The magnetic fields of these fluctuations give rise to non-coherent precession of the spins of the neutrons passing through the sample. This precession is just the cause of the depolarization. The polarization of neutrons scattered through  $10.2 \text{ minutes}$  is analyzed in detail. It is concluded that the neutron scattering is quasielastic near the phase transition point, and it is noted that a direct determination of such a change in the scattered-neutron energy is beyond the capabilities of modern experimental techniques. Authors are grateful to S. V. Maleyev for valuable advice and to D. M. Kaminker for interest in the work and a discussion of the results. Orig. art. has: 2 figures and 1 formula.

SUB CODE: 20/ SUBM DATE: 29Oct65/ ORIG REF: 002/ OTH REF: 004

OC  
Card 2/2

KAS'MIN, S.D.; KUCHER, R.V.

Role of emulsifying agents in the oxidation of isopropylbenzene  
and 1, 1-diphenylmethane. Neftekhimiia 3 no.3:371-375 My-Je '63.  
(MIRA 16:9)

1. L'vovskiy gosudarstvennyy universitet imeni I. Franko.  
(Ethane) (Cumene) (Emulsifying agents)

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    (ATELECTASIS, etiol. & pathogen.  
      right, after appendectomy (Bul))  
    (APPENDIX, surg.  
      postop. right atelectasis (Bul))

TEODOSIYEV, L.S.; KASNAKOV, I.I. (Bolgariya)

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40 no.6:138-139 Je '62. (MIRA 15:9)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - prof.  
A. Mitov) pri vysshem meditsinskom institute imeni I.P. Pavlova  
i voyennogo gosptalya (glavnyy vrach V. Penkov) v gorode  
Plovdive.

(SULFATHIAZOLE—TOXICOLOGY) (KIDNEYS—DISEASES)

KASNAR, S.; MASEK, S.; SABLJICA, B.; VRANESIC, B.

Problems related to hospital therapy of tuberculosis in adolescents. Tuberkuloza 15 no.1:29-32 Ja-Mr '63.

1. Bolnica za tuberkulozu pluca djece i omladine, Zagreb -  
Ravnatelj: primarius dr S. Kasnar.  
(TUBERCULOSIS) (THERAPEUTICS)

5

KÄSNAR, Valdur; ARAK, A., red.

[Use of billing machines] Faktuurmasinate kasutamine.  
Tallinn, Eesti Riiklik Kirjastus, 1964. 54 p. [In  
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KASNECI, F.

"Ten years of the Albanian hydrometeorological services." p. 53.

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Uncla.



KASNECI, P. (Tirana); JAHU, S. (Tirana); HILLE, A., dr. [translator]

Some characteristics of temperature and precipitation in Albania.  
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6 no.11:74-76 N '56. (MLRA 10:1)

1. Direktor sovkhoza "Komsomol'skiy", Dzetygarinskiy rayon, Kustanay-  
skoy oblasti  
(Kustanay Province--Grain)

Kasner, R.

Experiences with the introduction of business accounting in the  
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Source: EEAL LC Vol. 5, No. 10 Oct. 1956.

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USSR/Engineering  
Cableways  
Construction Equipment

Sep 48

"Transporting Concrete by Cableway in Bridge Building," L. D. Saprykin, Laureate of Stalin Prize, Ye. D. Kasner, Engr, 2 pp .

"Mekh Trud i Tyazh Rabot" No 9

System was successfully used at Bridge Section No 2, Min of Means of Communications, for construction of a bridge spanning the Dnepr River near Kiev. Includes sketches of towers, pulley system, and whole assembly.

PA 28/49T41

SAPRYKIN, L.D., laureat Stalinskoy premii; BESKIN, K.G.; KASNER, Ye.D.

Mechanizing the construction of large bridges. Tekh.zhel.dor.7  
no.8:26-28 Ag'48. (MLRA 8:11)

(Bridge construction)

КАСНИН, К. И.

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SO: U-3039, 11 Mar 1953

KASNIN, K. I.

Kasnin, K. I., Pogosyan, Kh. P., and Taborovskiy, N. L., "The Problem of the Present State of Frontological Analysis", Meteorologiya i Gidrologiya, No 6, 1947

SO: U-3039, 11 Mar 1953

KASOGLEDOVA, S.V.

Effect of macrosynoptic processes on anticyclonic characteristics  
in the region of the Northern Caucasus. Trudy GGO no.181:176-181  
'65. (MIRA 18:10)



VITEL'S, L.A.; KASOGLEDOVA, S.V.

New scheme of determining and allowing for various prognostications in the synoptic-climatological method of long-term precipitation predictions. Trudy GGO no.164:29-42 '64.  
(MIRA 17:9)

KASOLAPOV, G.; TOLSTOV, A.

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Ja '60. (MIRA 13:5)

1. Zamestitel' predsedatelya Stalingradskogo sovnarkhoza (for Kosolapov). 2. Spets'al'nyy korrespondent zhurnala "Stroitel'" (for Tolstov).  
(Stalingrad--Precast concrete construction)

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PI-4/Ped

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**CIA-RDP86-00513R000721020020-7**

~~THERMAL TREATMENT~~ THERMAL TREATMENT/ALUMINUM ALLOY ALUMINUM ALLOY

**CIA-RDP86-00513R000721020020-7"**

central portion and even on the surface of the data, in data collected by various means

Card 1/2

Only in AKMD alloy rolled at 950C with 15% reduction did no recrystallization occur  
(1000-010) was brighter than that of the center

figures and 2 tables.

(107)

BURIAN, V.; DUBEN, J.; KASOVA, J.; KNITTLOVA, O.; TESARIKOVA, M.; VOJTOVA, H.,  
ZIKMUNDOVA, V.

Experiences with viral diagnosis of poliomyelitis in microbiological  
laboratories of hygienic and epidemiological stations. Cesk. epidem.  
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1. Krajska hygienicko-epidemiologicka stanice v Ceskych Budejovicich,  
Jihlave, Liberce a Olomouci Okrasni hygienicke-epidemiologicka stanice  
v Havlickova Brods. V.B. Liberec, Baarova 526.

(POLIOMYELITIS, diag.

viral laboratory diag. (Cz))

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Automatizace 6 no.3:74 Mr '63.



KASOVA, V.

Course of tick-borne encephalitis virus infection in cortisone-treated white mice. Acta virol. (Praha)[Eng]6 no.2:186 Mr '62.

1. Regional Sanitary-Epidemiological Station, Usti nad Labem, Czechoslovakia.

(ENCEPHALITIS EPIDEMIC exper)  
(CORTISONE pharmacol)

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Effect of urethane-barbital anaesthesia on the course of tick-borne encephalitis infection in white mice. Acta virol. 6 no.3: 271-274 My 162.

1. Regional Sanitary-epidemiological Station, Usti nad Labem, Czechoslovakia.

(ENCEPHALITIS EPIDEMIC exper) (URETHANE anesth & analg)  
(BARBITURATES anesth & analg)

CZECHOSLOVAKIA

O. KOLAR and V. KASOVA, Neurology Clinic of Medical Faculty of Palacky University (Neurologická klinika lékařské fakulty Palackého university) Head (prednosta) Prof Dr J. HRBEK, Dr Sc; and Kraj Hygiene-Epidemiology Station, Division of Virology (Krajská hygienicko-epidemiologická stanice, virologické oddelení) Chief (reditel) V. BURIAN, MD; Olomouc.

"A Further Diagnostic Method Using Cerebrospinal Fluid."

Prague, Ceskoslovenska Neurologie, Vol 25(58), No 6, Nov 1962; pp 380-384.

Abstract [English summary modified]: Specific precipitation on agar of antibodies from sera and cerebrospinal fluids. In patients with subacute panencephalitis, this test revealed that the gamma globulins in CSF and serum are not identical. Four agar precipitation patterns, 9 Western references.

L1/1

KOLAR, O.; KASOVA, V.

Further data on immunochemical possibilities of cerebrospinal fluid diagnosis. Cesk. neurol. 25 no.6:380-384 N '62.

1. Neurologická klinika lékařské fakulty Palackého university v Olomouci přednosta prof. dr. J. Hrbek, DrSc. Krajská hygienicko-epidemiologická stanice, virologická stanice, virologické oddělení, reditel MUDr. V. Burian.

(CENTRAL NERVOUS SYSTEM DISEASES)

(CEREBROSPINAL FLUID)

~~KASOVA-ODRAZKOVA~~

Antibodies in the cerebrospinal fluid in meningoencephalitis. Cesk.  
epidem. mikrob. imun. 6 no.4:245-249 July 57.

1. Krajska hygienicko-epidemiologicka stancie v Olomouci, prednostā  
Dr. O. Emberger.

(MENINGOENCEPHALITIS, immunology,  
antibodies in CSF (Cs))

HUDENKO, Ivan Petrovich; KASOVICH, S. [Kasovych, S.], red.; KOPITKOVA,  
N. [Kopytkova, N.], tekhn.red.

[Brave assault] Smilyvyi nastup. Kyiv, Derzh.vyd-vo polit.  
lit-ry URSR, 1960. 62 p. (MIRA 13:6)

1. Sekretar' Yampil'skogo rayonnogo komiteta Kommunisticheskoy  
partii Ukrainy, Vinnitskoy oblasti (for Rudenko).  
(Yampil' District--Agriculture)

KASOWICZ, J.

Methods of preparing photographic topographic maps. p. 361.

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Uncl.

KASPAR, A. A.

Treatment of otitis with penicillin. Fel'dsher & Akush., Moskva  
no. 5:51-52 May 1952. (GML 22:3)



KASPAR, A.A., mayor meditsinskoy sluzhby

Artificial eardrum made of BF-6 glue for treatment and prosthesis.  
Voen.-med.zhur. no.4:79 Ap '60. (MIRA 14:1)  
(TYMPANIC MEMBRANE)

KASPAR, Emil

"Semiconductors" by Emanuel Klier. Reviewed by Emil Kaspar.  
Pokroky mat fyz astr 8 no.5:295-296 '63.

26(1)

CZECH/3-59-12-27/39

AUTHOR: Kašpar, Emil, Major

TITLE: Turbo-Compressor Engines for Supersonic Speeds

PERIODICAL: Křídla Vlasti, 1959, Nr 12, pp 18 and 19 (CSR)

ABSTRACT: Author deals in general with the construction and operation of turbo-compressor engines. There is 1 photo and 5 diagrams.

Card 1/1

KASPAR, Emil

Some didactic problems in teaching electricity and magnetism. Pckroky  
mat fyz astr 7 no.2:91-109 '62.

KASPAR, E., prof., dr.

Dependence of ray deviation error on errors of angles in making optical prisms. ~~Jemna~~ mech opt 7 no.4:105-109 Ap '62.

1. Matematicka a fyzikalni fakulta, Karlova universita, Praha.

Kaspar, Emil

UVOD DO ATOMOVY FYZIKY. I. Emil Kaspar: Fyzikalni optika; uvod do fyziky elektronoveho obvodu atomu. (II. Antonin Belar: Zaklady fyziky atomoveho jadra. Vyd. I.) Praha, Státní pedagogické nakl., 1953. 64, VI p. (Učební texty vysokých škol) [Introduction to atomic physics. I. Physical optics; an introduction to the physics of the electronic cloud of the atom, Emil Kaspar. II. Physics of the atomic nucleus, Antonin Belar. Illus.]

46-54  
RmZ

E. Kaspar January 1954 Vol 3. #1

KASPAR, E.

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p. 189

Vol. 5, no. 2, Feb. 1955  
PRIRODNI VEDY VE SKOLE  
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

*Kaspar Emil*  
Czechoslovakia/General Problems - Problems of Teaching

A-3

Abst Journal : Referat Zhur - Fizika, No 12, 1956, 33618

Author : Kaspar, Emil

Institution : None

Title : Measurement of the Specific Gravity of Liquids (for Laboratory Work in the Ninth Class)

Original  
Periodical : Prirod. Vedy Skole, 1956, 6, No 4, 333-335, Czech

Abstract : None

Card 1/1



KASPAR Emil

A-5

CZECHOSLOVAKIA/General Section - Education

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 5055

Author : ~~Kaspar Emil~~

Inst : Not Given

Title : How Can We Help the Students to Think Correctly at the Physics  
Classes?

Orig Pub : Prirod. vedy skole, 1957, 7, No 1, 32-35

Abstract : No abstract

Card : 1/1

*KASPAR, Emil*  
CZECHOSLOVAKIA/General Section - Education

A-5

Abs Jour : Ref Zhur - Fizika, No 4, 1958, No 7506

Author : *Kaspar Emil*

Inst : Not Given

Title : On the Coordination of the Courses in Mathematics and Physics  
in the Ninth Class of Secondary School.

Orig Pub : Prirod. vedy skole, 1957, 7, No 7, 600-607

Abstract : No abstract

Card : 1/1

KASPAR, Emil

A conference of teachers of physics and astronomy in Budapest. Pokroky  
mat fyz astr 7 no.5:290-291 '62.

KASHPAR, Emil [Kaspar, Emil], prof. d-r (Praga)

A conference on modernizing the teaching of mathematics in  
Czechoslovakia. Mat i fiz Bulg 7 no. 2:45-46 My-je '64.